

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:

MONTH

YEAR

December

2008

TO: Hydrologic Information Center, W/OS31
NOAA's National Weather Service
1325 East West Highway
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

January 8, 2009

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

December brought more dry conditions across the San Angelo hydrologic service area (HSA). Much of the area received below normal rainfall since mid-September. A few isolated thunderstorms moved across the eastern portion of the HSA late on the 8th and into the early hours of the 9th. A small area across McCulloch and San Saba Counties received as much as one inch of rain from these storms.

With the dry period extending over 90 days across the region, drought conditions have intensified across the HSA. The U.S. Drought Monitor depicted abnormally dry to severe drought conditions across the southern half of the HSA during December. The Big Country continued to experience abnormally dry conditions during the month.

The average precipitation reported from coop observers in December was 0.06 of an inch. The highest monthly precipitation total of 1.13 inches was reported in San Saba County.

The San Angelo Regional Airport received 0.04 of an inch of precipitation during December, which was 0.90 of an inch below normal for the month. The monthly normal rainfall for San Angelo in December is 0.94 of an inch. San Angelo received 19.00 inches of rain during the year. The normal annual rainfall for San Angelo is 20.91 inches.

The Abilene Regional Airport received 0.01 of an inch of precipitation during December, which was 1.26 inches below normal for the month. This amount tied for the seventh driest December on record at Abilene. The monthly normal rainfall for Abilene in December is 1.27 inches. Abilene received 24.37 inches of precipitation during the year. The average annual rainfall for Abilene is 23.78 inches.

Junction received 0.02 of an inch of rain during December. The estimated average monthly rainfall in December is about one inch. Junction received 12.92 inches of precipitation during the year.

Coop Observer Rainfall Totals for December, 2008:

Station Name	Amount (in)		Station Name	Amount (in)
Abilene 2	M		Mertzon 12NNW	0.03
Acton Ranch	M		Ozona	0.02
Anson	0.00		Ozona 2	M
Albany	0.07		Ozona 22SE	0.11
Ballinger 2NW	T		Paint Rock	T
Blackwell 6NE	0.00		Putnam	0.08
Brady	0.03		Red Bluff Crossing	0.05
Brownwood	T		Robert Lee	0.00
Burkett	0.01		Roscoe	M
Coleman	0.02		Rotan	0.00
Concho Park	T		San Angelo WFO	0.00
Eden	M		San Saba 7NW	1.13
Eldorado	0.16		Santa Anna 12SSE	0.06
Eldorado 10W	M		Silver Valley	0.00
Fort Griffin	M		Sonora	0.18
Fort McKavett	0.08		Stamford	M
Glen Cove 2NE	0.02		Sterling City	0.00
Hamlin	0.00		Taylor Ranch	M
Haskell	T		Telegraph	M
Hords Creek	0.00		Throckmorton 7NE	0.00
Humble Pump	M		Water Valley	T
Junction 4SSW	0.07		Water Valley 11NE	T
Lawn	0.00		Winters 1NE	0.02
London 3N	0.06		Woodson	0.22
Mason	0.10			
Menard	0.04		(M) <i>Missing data</i>	
Merkel 12SW	T		(T) <i>Trace</i>	

Reservoir Conditions (end of December, 2008)

Reservoir	Conservation Capacity (Ac-Ft)	End of Month Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	63,410	91
Lake Stamford	52,700	36,400	71
Hubbard Creek Lake	317,800	267,920	84
Hords Creek Lake	8,800	5,350	66
Lake Brownwood	131,428	104,420	79
E.V. Spence	488,760	53,510	10
O.C. Fisher	119,200	6,170	5
O.H. Ivie	554,340	305,900	55
Twin Buttes	177,800	59,780	34

Hydro Products Issued

ESF = 1

DGT = 1

The NWS precipitation analysis can be viewed at <http://water.weather.gov/>.

The total monthly precipitation estimate and percent of normal precipitation for December across the San Angelo HSA is depicted below.

